Andrew H Bond

List of Publications by Year
in descending order

41 papers	1,521 citations	377584 21 h-index	340414 39 g-index
41 all docs	41 docs citations	41 times ranked	1172 citing authors

#	Article	IF	Citations
1	Bismuth coordination chemistry: a brief retrospective spanning crystallography to clinical potential. Journal of Coordination Chemistry, 2021, 74, 129-151.	0.8	2
2	Crystal Nucleation Using Surface-Energy-Modified Glass Substrates. Crystal Growth and Design, 2017, 17, 4049-4055.	1.4	4
3	Oxidative Alkaline Leaching of Americium from Simulated Highâ€Level Nuclear Waste Sludges. Separation Science and Technology, 2005, 40, 1029-1046.	1.3	9
4	Actinides in Alkaline Media: Dissolution, Mineral Associations, and Speciation in Hanford Waste Tank Sludge Simulants. Journal of Nuclear Science and Technology, 2002, 39, 512-515.	0.7	6
5	Incorporating Size Selectivity into Synergistic Solvent Extraction:â€‰ A Review of Crown Ether-Containing Systems. Industrial & Engineering Chemistry Research, 2000, 39, 3442-3464.	1.8	139
6	Extraction Chromatography: Progress and Opportunities. ACS Symposium Series, 1999, , 234-250.	0.5	16
7	Isomer Effects in the Extraction of Metal Ionsfrom Acidic Nitrate Media by Dicyclohexano-18-crown-6^{â€}. Radiochimica Acta, 1999, 85, 119-130.	0.5	42
8	Synergistic Solvent Extraction of Alkaline Earth Cations by Mixtures of Di-n-octylphosphoric Acid and Stereoisomers of Dicyclohexano-18-crown-6. Analytical Chemistry, 1999, 71, 2757-2765.	3.2	34
9	Progress in Metal Ion Separation and Preconcentration: An Overview. ACS Symposium Series, 1999, , 2-12.	0.5	6
10	Design, Synthesis, and Uptake Performance of ABEC Resins for the Removal of Pertechnetate from Alkaline Radioactive Wastes. Industrial & Engineering Chemistry Research, 1999, 38, 1676-1682.	1.8	18
11	Flowsheet Feasibility Studies Using ABEC Resins for Removal of Pertechnetate from Nuclear Wastes. Industrial & Engineering Chemistry Research, 1999, 38, 1683-1689.	1.8	19
12	Behavior of Actinide Ions During Sludge Washing of Alkaline Radioactive Wastes. Materials Research Society Symposia Proceedings, 1999, 608, 595.	0.1	1
13	Title is missing!. Journal of Chemical Crystallography, 1998, 28, 521-527.	0.5	19
14	New Technetium-99M Generator Technologies Utilizing Polyethylene Glycol-Based Aqueous Biphasic Systems. Separation Science and Technology, 1997, 32, 867-882.	1.3	24
15	Crystal structure of [Pb(cis-anti-cis-dicyclohexyl-18-crown-6)(OH2)2][ClO4]2. Journal of Chemical Crystallography, 1997, 27, 263-267.	0.5	5
16	Structural Chemistry of Poly(ethylene glycol) Complexes of Lead(II) Nitrate and Lead(II) Bromide. Inorganic Chemistry, 1996, 35, 6964-6973.	1.9	46
17	Polyethylene glycol based-aqueous biphasic systems as technetium-99m generators. Applied Radiation and Isotopes, 1996, 47, 497-499.	0.7	20
18	Metal ion separations in polyethylene glycol-based aqueous biphasic systems: correlation of partitioning behavior with available thermodynamic hydration data. Biomedical Applications, 1996, 680, 221-229.	1.7	172

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19	Crown ether mediated cadmium halide dimers and polymers. Inorganica Chimica Acta, 1996, 250, 105-117.	1.2	27
20	New Technologies for Metal Ion Separations: Aqueous Biphasic Extraction Chromatography (ABEC). Part I Uptake of Pertechnetate. Solvent Extraction and Ion Exchange, 1996, 14, 919-946.	0.8	39
21	SELECTIVE AND QUANTITATIVE PARTITIONING OF PERTECHNETATE IN POLYETHYLENE-GLYCOL BASED AQUEOUS BIPHASIC SYSTEMS. Solvent Extraction and Ion Exchange, 1995, 13, 665-688.	0.8	34
22	PARTITIONING BEHAVIOR OF99Tc AND,129I FROM SIMULATED HANFORD TANK WASTES USING POLYETHYLENE-GLYCOL BASED AQUEOUS BIPHASIC SYSTEMS. Solvent Extraction and Ion Exchange, 1995, 13, 689-713.	0.8	47
23	Novel Polyethylene Glycol-Based Aqueous Biphasic Systems for the Extraction of Strontium and Cesium. Separation Science and Technology, 1995, 30, 1203-1217.	1.3	32
24	Crystal structure of Pt(S2COEt)2. Journal of Chemical Crystallography, 1994, 24, 707-710.	0.5	3
25	Crystal structure of Pt(S2COEt)2. Journal of Chemical Crystallography, 1994, 24, 711-714.	0.5	2
26	Crown ethers as actinide extractants in acidic aqueous biphasic systems: partitioning behavior in solution and crystallographic analyses of the solid state. Journal of Alloys and Compounds, 1994, 213-214, 305-312.	2.8	42
27	[Na(OH₂)(methylene-16-crown-5)]I, [Na(NO₂)(methylene-16-crown-5)]Â·0.5 (H₂O), 3,16-dimethylene-26-crown-8,[Na₄I₄(3,16-dimethylene-26-crown-8)], and [Na₂(OH₂)₄(3,16-dimethylene-26-crown-8)]I₂. Supramolecular Chemistry, 1994, 4, 191-202.	1.5	4
28	Polyethylene glycol complexation of Cd2+. Structures of triethylene glycol complexes of CdCl2, CdBr2 and CdI2. Inorganica Chimica Acta, 1993, 212, 225-231.	1.2	23
29	Synthesis and crystallographic characterization of [Cd(OH2)2 (?-Br)4 (Cd(2-hydroxyethyl sulfide)) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	7
30	Aqueous Biphase Systems for Liquid/Liquid Extraction of f-Elements Utilizing Polyethylene Glycols. Separation Science and Technology, 1993, 28, 139-153.	1.3	40
31	Metal Ion Separations in Polyethylene Glycol-Based Aqueous Biphasic Systems. Separation Science and Technology, 1993, 28, 1091-1126.	1.3	98
32	STRUCTURAL STUDIES OF POLYETHER COORDINATION TO MERCURY(II) HALIDES: CROWN ETHER VERSUS POLYETHYLENE GLYCOL COMPLEXATION. Journal of Coordination Chemistry, 1993, 29, 187-207.	0.8	33
33	STRUCTURAL STUDIES OF POLYETHER COORDINATION TO MERCURY(II) HALIDES: CROWN ETHER VERSUS POLYETHYLENE GLYCOL COMPLEXATION. Journal of Coordination Chemistry, 1993, 29, 187-207.	0.8	20
34	Arene-substituent effects in benzo-15-crown-5 complexes. The crystal structures of 4-aminobenzo-15-crown-5 and [KI(OH₂)(4-nitrobenzo-15-crown-5)]₂. Supramolecular Chemistry, 1992, 1, 59-63.	1.5	4
35	Complexation chemistry of bismuth(III) halides with crown ethers and polyethylene glycols. Structural manifestations of a stereochemically active lone pair. Journal of the American Chemical Society, 1992, 114, 2967-2977.	6.6	128
36	Alcoholysis of bismuth(III) nitrate pentahydrate by polyethylene glycols. Comparison with bismuth(III) nitrate crown ether complexation. Journal of the American Chemical Society, 1992, 114, 2960-2967.	6.6	88

#	Article	IF	Citations
37			